



Material Safety Data Sheet - OSHA 174

Materials Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

US Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

H.M.I.S. RATING	
Health	1
Flammability	2
Reactivity	1
Protective Equip.	B

Last Rev Date: 09/13/2004

RC067 - MOBILE HOME ALUMINUM ROOF COATING

Section I

Manufacturer's Name HENRY COMPANY	Emergency Telephone 800-486-1278	Telephone 800-486-1278
Address HENRY COMPANY 2911 Slauson Ave HUNTINGTON PARK, CA 90255	Primary Contact Technical Services NFPA 704	Email techservices@henry.com Preparer's Signature _____

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Aluminum Metal	7429.90.5		10 mg/m3		
Asphalt	8052.42.4	10 ppm	5 mg/m3	15 ppm TWA-STEL	
Petroleum Solvent (Mineral Spirits)	8052.41.3	2950 mg/m3	100 ppm		

Comments: There are no S.A.R.A. 313 ingredients in this material in excess of De minimus amounts. "Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm."

Section III Physical / Chemical Characteristics

Boiling Point 310-400 F	Melting Point N/A	Max VOC (g/l) 450
Vapor Pressure (mm Hg) 2@ 68F	Evaporation Rate (Butyl Acetate=1) <1	Max VOS (lbs/gal) 3.75
Vapor Density (Air=1) >1	Weight Per Gallon 8.2	% Water Volume 0
Color Black	Solubility in Water Not soluble	% Water Weight 0
Odor Strong petroleum solvent	Appearance Black fluid	% Volatile >58
Specific Gravity .99	PH N/A	

Section IV Fire and Explosion Hazard Data

Flash Point Method SETA	Flash Point Temperature 105°F	LEL Flammable Limit 0.9	UEL Flammable Limit 6.0
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Extinguishing Media

Foam, CO2, Dry Chemical, Sand, Earth

Fire Fighting Procedures

Firemen should wear MSHA/NIOSH approved self-contained apparatus to protect against inhalation of combustion products.

Additional Procedures

Avoid water, halogenated extinguishing media like halon or carbon tetrachloride.

Unusual Fire and Explosion Hazards

Do not mix or store with strong oxidants like liquid chlorine or oxygen or water. Re-ignition may occur due to high localized heat or spontaneous heating. To avoid re-ignition, the residual material must be immediately smothered. Keep containers tightly closed.

Section V Reactivity Data

Stability		Conditions to Avoid	
Material is Stable			
Incompatibility (Materials to Avoid)		Hazardous Decompositions or Byproducts	
Strong Oxidants		Fumes, Smoke, CO ₂ , Carbon Monoxide if combustion is incomplete	
Hazardous Polymerization		Conditions to Avoid	
May Not Occur		Contact with moisture	

Section VI Health Hazard Data

Routes of Entry:

If in Eyes

Symptoms	Emergency and First Aid Procedures
– Eye irritation.	-- Flush gently with water immediately. Call doctor immediately.

If Ingested

Symptoms	Emergency and First Aid Procedures
– Gastrointestinal irritation. – Nausea, vomiting, diarrhea.	-- Do not induce vomiting. Call doctor immediately.

If Inhaled

Symptoms	Emergency and First Aid Procedures
– Chemical pneumonitis.	-- Remove from vapor immediately and if breathing is difficult, administer oxygen. -- If overcome, call physician. -- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

If on Skin

Symptoms	Emergency and First Aid Procedures
– Defatting. – Dermatitis.	-- Remove contaminated clothes and wash with a waterless handcleaner or soap and water.

Section VII Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent sand, earth, sawdust, etc to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses.

Waste Disposal Method:

Assure conformity with applicable disposal regulations

Precautions for Handling and Storage:

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation is required.

Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

Section VIII Control Measures

Ventilation

Local Exhaust

Face velocity 60 fpm

Mechanical (General)

N/A

Special Ventilation

Use only with adequate ventilation

Other

N/A

Protective Equipment Required

Respirator

Use with adequate ventilation.

Gloves

Chemical resistant gloves

Goggles

Splash goggles or face shield

Clothing

Chemical resistant apron

Work Hygienic Practices

Practice good work hygiene

Section IX Special Precautions for Safe Handling and Storage

Precautions for Handling and Storage

KEEP AWAY FROM SOURCES OF IGNITION

Other Precautions

Close air intakes on roof until solvent odor dissipates.

Section X Transportation Data

DOT

Non-Bulk Not Regulated (Combustible liquid Non-Bulk, but see IATA for shipping by AIR)

Bulk Combustible liquid, n.o.s., (Petroleum Distillates), Combustible liquid, NA1993, III

or Bulk Elevated temperature liquid, flammable, n.o.s., (Petroleum Distillates), 3, UN3256, III

Note If bulk departs below its flash point then NA1993; but if it is at or above flash point, then UN3256.

IMDG

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

IATA

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

State Addendum

Ingredient	CAS Number	Notes
Aluminum Metal	7429.90.5	A Pennsylvania Hazardous Substance List material
Aluminum Metal	7429.90.5	A Florida Toxic Substances List material
Aluminum Metal	7429.90.5	A Massachusetts Hazardous Substance List material
Aluminum Metal	7429.90.5	A Minnesota Hazardous Substance List material
Aluminum Metal	7429.90.5	A New Jersey RTK Hazardous Substance List material
Aluminum Metal	7429.90.5	A Washington State Permissible Exposure for Air Contaminants material
Aluminum Metal	7429.90.5	A Delaware Air Quality Management List material.
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Washington State Permissible Exposure for Air Contaminants material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Florida Toxic Substances List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Massachusetts Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Minnesota Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Pennsylvania Hazardous Substance List material
Asphalt	8052.42.4	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	A Florida Toxic Substances List material
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